



Experience with UAAs in Region 10

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UAAs Approved in R10

■ Alaska

- Nolan Creek
- Tolovana River/Livengood Basin
- Red Dog & Ikalukrok Creeks

■ Idaho

- Blackbird & W. Fk. Blackbird Creeks
- Bucktail Creek
- Lower Boise Basin

■ Common Themes



AK – Nolan Creek

- Designated Use Change: Retain only Industrial Water Supply
- Criteria change? No
- Why? Placer mining
 - Fish passage blocked
- When?
 - September 1984 → December 1984



AK – Tolovana/Livengood

- Designated Use Change: Retain only Industrial Water Supply
- Criteria Change? No
- Why?
 - Placer mining in basin
- When?
 - Began 1982, L/T Mining District petition
 - January 1990 ↗ December 1990



AK – Red Dog & Ikalukrok

- Designated Use Changes: varies, generally limited to industrial water supply, recreation
- Criteria Change? Removed sulfate (DW)
- Why? High natural levels of Cd, Pb, Zn
- When?
 - 1997 ✎ February 1998



ID – Blackbird & W. Fk.

Blackbird

- Designated Use Change: Remove SS and COLD
- Criteria? No
- Why? Mining;
 - Human-caused conditions ... 131.10(g)(3)
- When? 1997 began
 - 1998 ✎ 2000



ID - Bucktail

- Designated Use Change: Remove COLD and PCR/SCR
- Criteria? No
- Why? Mining
 - Low flow for PCR/SCR, human-caused conditions for COLD
 - 131.10(g)(2) and (3)
- When? March 2002 🤞 September 2002



ID – Lower Boise

- Designated Use Change: PCR to SCR
- Criteria? Essentially the same
- Why? Safety concerns
- When?
 - SBA 2000
 - March 2002 ✎ November 2004



Common Themes

- Aquatic Life and other designated uses have been downgraded with UAAs
- UAAs require data
 - Superfund and NPDES programs can provide data
 - Not all UAAs need that level of data
- UAAs benefit from upfront work
- In R10, mining drove most UAAs